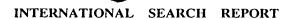


## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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Applicant's or agent's file reference 42390.P4523P	FOR FURTHER See Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/US98/02054	04 FEBRUARY 1998	09 MAY 1997			
Applicant INTEL CORPORATION					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.  This international search report consists of a total of sheets.  X It is also accompanied by a copy of each prior art document cited in this report.					
Certain claims were found unsearchable (See Box I).  Unity of invention is lacking (See Box II).					
international search was card	going beyond the disclosure in transcribed by this Authority.	international application, nent to the effect that it did not include matter he international application as filed.			
	the text is approved as submitted by the application the text has been established by this Authority				
5. With regard to the abstract,	•	·			
	the text is approved as submitted by the applic	cant.			
	the text has been established, according to Ru in Box III. The applicant may, within one international search report, submit comments	month from the date of mailing of this			
6. The figure of the drawings to be published with the abstract is:					
Figure No. 2C		i			
	as suggested by the applicant.	None of the figures.			
<u></u>	pecause the applicant failed to suggest a figure	p.			
[X] t	pecause this figure better characterizes the inv	ention.			





International application No. PCT/US98/02054

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

A computer keyboard (330) includes a printed circuit board (320). The printed circuit board (320) is attached to a heat pipe (300).

## INTERNATIONAL SEARCH REPORT

International application No. PCT/US98/02054

IPC(6) :	SIFICATION OF SUBJECT MATTER G06F 1/20; H05K 7/20				
US CL :361/687, 680, 700 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 361/687, 680, 700, 699, 704-707, 711, 717-719; 364/708.1; 174/16.3					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  APS, search terms: keyboard, heat pipe					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
х	US 5,568,360 A (Penniman et al.) 2 especially col. 3, lines 5-18 and col. 5	1-19			
X, E	US 5,661,637 A (Villaume) 26 August abstract, col. 4, lines 20-30 and 40-47	1-19			
	•	,			
	<b>-</b> :				
	·				
Further documents are listed in the continuation of Box C. See patent family annex.					
• Special categories of cited documents:  T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention					
to "E" ea	be of particular relevance rlier document published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered when the document is taken alone	ne claimed invention cannot be ered to involve an inventive step		
. cit	ecument which may throw doubts on priority claim(s) or which is ted to establish the publication date of another citation or other ecial reason (as specified)	"Y" document of particular relevance; the	step when the document is		
m	ocument referring to an oral disclosure, use, exhibition or other eans	combined with one or more other suc being obvious to a person skilled in t	ch documents, such combination he art		
*P* document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed					
	Date of the actual completion of the international search  O5 MAY 1998  Date of mailing of the international search report  0 4 AUG 1998				
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT  MICHAELW. PHILLIPS			lu f		
Washingto Facsimile N	n, D.C. 20231 No. (703) 305-3230	Telephone No. (703) 308-1782	1211		